# ROYAL BOTANIC GARDENS, KEW.

# BULLETIN

OF

# MISCELLANEOUS INFORMATION.

## 1908.

LONDON:
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,
By DARLING & SON, Ltd., 34-40, Bacon Street, E.

And to be purchased, either directly or through any Bookseller, from
WYMAN and SONS, Ltd., Fetter Lane, E.C.; or
OLIVER & BOYD, Tweeddale Court, Edinburgh; or
E. PONSONBY, 116, Grafton Street, Dublin.

1908.

*Price Four Shillings and Sixpence.*

# CONTENTS.


| No. | Article. | Subject. | Page. |
|---|---|---|---|
| 1 | I. | Fungi Exotici : VII. ... ... ... ... | 1 |
| ,, | II. | The Fruit Fly (*Ceratitis capitata*) ... ... | 6 |
| ,, | III. | Decades Kewenses : XLV.–XLVI. ... ... | 11 |
| ,, | IV. | Australian Grasses ... ... ... ... | 21 |
| ,, | V. | The Prickly-fruited Species of Euonymus... | 29 |
| ,, | VI. | Yeheb (*Cordeauxia edulis*) ... ... ... | 36 |
| ,, | VII. | Miscellaneous Notes ... ... ... ... | 45 |
| 2 | VIII. | Museum Preparations... ... ... ... | 49 |
| ,, | IX. | Diagnoses Africanae : XXI. ... ... ... | 52 |
| ,, | X. | Jequié Maniçoba and its Allies (with map) | 59 |
| ,, | XI. | New Orchids : Decade 31 ... ... .. | 68 |
| ,, | XII. | The Appearance of *Colpomenia sinuosa* in Britain (with figs.) ... ... ... | 73 |
| ,, | XIII. | Patchouli (*Pogostemon Patchouli*, var. *suavis*) | 78 |
| ,, | XIV. | Miscellaneous Notes (with figs.) ... ... | 82 |
| 3 | XV. | The New Zealand Species of *Rhodophyllis*... | 97 |
| ,, | XVI. | Banana Cultivation in Egypt ... ... | 102 |
| ,, | XVII. | Decades Kewenses : XLVII.–XLVIII. ... | 105 |
| ,, | XVIII. | The Localities of Cuming's Philippine Plants | 116 |
| ,, | XIX. | Additions to the Wild Fauna and Flora of the Royal Botanic Gardens, Kew : VII. (with figs.) ... ... ... ... ... | 120 |
| ,, | XX. | Miscellaneous Notes (with fig.) ... ... | 127 |
| 4 | XXI. | Notes on some Transvaal Trees and Shrubs | 145 |
| ,, | XXII. | Plant Importation into Jamaica ... ... | 175 |
| ,, | XXIII. | Decades Kewenses : XLIX. ... ... ... | 179 |
| ,, | XXIV. | Economic Notes : Liverpool ... ... ... | 183 |
| ,, | XXV. | The Timbers of Southern Nigeria ... ... | 189 |
| ,, | XXVI. | Miscellaneous Notes (with plate) ... ... | 195 |
| 5 | XXVII. | Ecanda Rubber (*Raphionacme utilis*) (with plate) ... ... ... ... .. ... | 209 |
| ,, | XXVIII. | Fungi Exotici : VIII. ... ... ... | 216 |
| ,, | XXIX. | Diagnoses Africanae : XXII. ... ... | 219 |
| ,, | XXX. | Miscellaneous Notes ... ... ... ... | 228 |
| 6 | XXXI. | The Southern Islands Expedition (with plates) ... ... ... ... ... | 237 |
| ,, | XXXII. | Decades Kewenses : L. ... ... ... | 249 |
| ,, | XXXIII. | Guayule Rubber (*Parthenium argentatum*) | 255 |
| ,, | XXXIV. | Diagnoses Africanae : XXIII. ... ... | 257 |
| ,, | XXXV. | Teo-non, a new Rubber Tree from Tonkin (*Bleekrodea tonkinensis*) ... ... ... | 262 |
| ,, | XXXVI. | Miscellaneous Notes ... ... ... ... | 265 |
| 7 | XXXVII. | "Die-back" of Peach shoots (*Naemospora crocea*) (with plate) ... ... ... | 269 |
| ,, | XXXVIII. | Additions to the Wild Fauna and Flora of the Royal Botanic Gardens, Kew : VIII.... | 272 |
| ,, | XXXIX. | Cultivation of the Date Palm in Mesopotamia ... ... ... ... ... | 283 |
| ,, | XL. | Diagnoses Africanae : XXIV. ... ... | 286 |
| ,, | XLI. | Cultivation of Sisal Hemp in German East Africa ... ... ... ... ... | 300 |
| ,, | XLII. | Polyadoa and Holalafia ... ... ... | 302 |
| ,, | XLIII. | Miscellaneous Notes ... ... ... ... | 304 |

| No. | Article. | Subject. | Page. |
|---|---|---|---|
| 8 | XLIV. | Notes on *Sebaea* and *Exochaenium* (with plate) ... ... ... ... ... ... | 317 |
| „ | XLV. | Notes on *Chironia* and *Orphium* ... ... | 341 |
| „ | XLVI. | Miscellaneous Notes ... ... ... ... | 376 |
| 9 | XLVII. | A new species of *Butea*, with notes on the Genus ... ... ... ... ... ... | 381 |
| „ | XLVIII. | Some Continental Gardens and Nurseries ... | 387 |
| „ | XLIX. | Diagnoses Africanae : XXV. ... ... | 407 |
| „ | L. | New Orchids : Decade 32 ... ... ... | 412 |
| „ | LI. | A Lancashire Willow Farm ... ... ... | 416 |
| „ | LII. | *Bagnisia Hillii* ... ... ... ... | 419 |
| „ | LIII. | Miscellaneous Notes ... ... ... ... | 421 |
| 10 | LIV. | Cascara Sagrada (*Rhamnus Purshiana*) (with plates) ... ... ... ... ... | 429 |
| „ | LV. | Diagnoses Africanae : XXVI. ... ... | 432 |
| „ | LVI. | The Nelson District of New Zealand ... | 441 |
| „ | LVII. | Decades Kewenses : LI. ... ... ... | 445 |
| „ | LVIII. | Miscellaneous Notes ... ... ... ... | 451 |
| Appendix I. | — | List of seeds of hardy herbaceous plants and of trees and shrubs ... ... ... ... | 1 |
| „ II. | — | Catalogue of the Library. Additions received during 1907... ... ... ... ... | 23 |
| „ III. | — | New garden plants of the year 1907 ... | 75 |
| „ IV. | — | Botanical Departments at home and in India and the Colonies ... ... ... ... | 103 |


## Errata.

Page 17, under No. 453, **Passiflora Wilsoni**, *Hemsl.*, read ; species ex affinitate *P. cupiformis*, Mast. et *P. Henryi*, Hemsl. ; ab hac differt foliis arcuato-truncatis et floribus cymosis, ab illa foliis basi rotundatis lobis acuminatis et floribus majoribus glabris.

Page 35, line 22 from bottom, *for* ♂ *read* ♀.

Page 46, line 12 from bottom, *for* 1840 *read* 1848.

Page 82, line 10 from bottom, *for* Windsor *read* Frogmore.

Page 220, line 14 from top, *for* **tripyhlla** *read* **triphylla.**

Page 221, line 7 from bottom, *for* p. 178 *read* p. 174 ; line 6 from bottom, for *G. fulva* read *P. fulva.*

Page 229, line 17 from top, and lines 14, 7, and 5 from bottom, *for* Macfayden *read* Macfadyen.

Page 239, line 23 from top, *for* Long. 66·01 E. *read* Long. 166·01 E.

Page 240, line 20 from top, and p. 244, line 29 from top, for *littorosa* read *litorosa.*

Page 244, line 20 from top, for *Lyalli* read *Lyallii.*

Page 249, line 19 from top, *for* taken by *read* presented by.

Page 288, line 6 from top, *for* 11516 *read* 11561.

Page 298, line 4 from bottom, *for* 9,164 *read* 9614.

Page 310, line 8 from top, for *Thievlaviopsis* read *Thielaviopsis.*

Page 314, line 11 from top, *for* **Africana** *read* **africana.**

Page 409, line 14 from bottom, *for* 1895 *read* 1905.

Page 428, line 19 from top, for *S. maritima* read *Z. maritima.*